16th RA Bill

012-22-000004

D-1.

M. A. R. 57 (Rule 116) No. E

Measurement Book

Serial No. Annual Maintenance & Streetlights package D-1 in Kammagondanahalli Sisnending Area Road No. 12 684369

Name of work ..... From 01-01-2024 To 31-03-2024

Name of Contractor of nature of Agency M/S CHIKKANNA & CHETHAN (ELECTRICALS)

Date of commencement of work..... EE/EL/D2/Tend/SNG/27/2022-23 dt 24/03/2023 EE/EL/D2/Tend/SNG/27/2022-23

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
1.	Operation & maintenance of Street lighting System including replacement of damaged/failed/fused out components like lamps, Tubes, chokes, Ignitors, Capacitors, Switches, wires, Holders, Starters and Switching ON/OFF of Street lights at specified timing & polencumbents, Preparing ward wise, Street wise data banks furnishing maintenance reports, every day etc, complete so as to ensure efficient burning of Street lights detailed in tender documents for various type of Street lighting Systems as detailed below. 36/40 w fluorescent tube light. Street lighting System.						
		20 Nos	X Rs 57.12 X 3 months			=	3427.20

(Engineer in Charge)
Assistant Engineer (Ele)
Bruhath Bengaluru Mahanagara Palike
Zone, Bengaluru

ASST. EXECUTIVE ENGINEER (Ele)
Bruhath Bangalore Mahanagara Palike

Scanned with OKEN Scanner

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	2. Operation & maintenance of Street light system including replacement of damaged, failed, fused, accessories components like lamps, tubes, chokes, ignitors, capacitors, switches, wires, Holders, starter & switching ON/Off of Street lights at specified timing and pole numbering, preparing ward wise, Street wise data bank furnishing maintenance reports, every day etc, complete so as to ensure efficient burning of Street lights detailed in tender document for various type of Street lighting systems as detailed below. 125 W HPMV Park lighting System.						
	22 Nos x Rs 630 x 3 months					=	41591.22
	3. Operation & maintenance of street lighting system including replacement of damaged, failed, fused accessories components like lamps, tubes, chokes, ignitors, capacitors, switches, wires, Holders, starter & switching ON/Off of Street lights at specified timing and pole numbering, preparing ward wise, Street wise data bank furnishing maintenance reports, every day etc, complete so as to ensure efficient burning of Street lights detailed in tender document for various type of Street lighting systems as detailed below. 250 W HPSV Street lighting system.						
	1 Nos x Rs 1050 x 3 months					=	3150.00
	4. Operation & maintenance of Street lighting system including replacement of damaged, failed, fused accessories components like lamps, tubes, chokes, ignitors, capacitors, switches, wires, Holders, starter & switching ON/Off of Street lights at specified timing and pole numbering, preparing ward wise, Street wise data bank furnishing maintenance reports, every day etc, complete so as to ensure efficient burning of Street lights detailed in tender document for various type of Street lighting systems as detailed below. 250 W HPSV Street lighting system.						
	1 Nos x Rs 1050 x 3 months					=	3150.00

Assistant Engineer (Ele)
Bruhath Bengaluru Mahanagara Palike

ASST. EXECUTIVE ENGINEER (Ele)
Bruhath Bangalore Mahanagara Palike

M. A. R. 57 (Rule 116) No. E
Measurement Book

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

684970

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Ignitors, capacitors, Switches, wires, Holders, Starter & switching ON/Off of Street lights at specified timing and pole numbering, preparing ward wise Street wise data banks furnishing maintenance reports, every day etc, complete so as to ensure efficient burning of Street lights detailed in tender document for various type of Street lighting systems as detailed below. 250 W HPSV Street lighting system.						
	1 Nos x Rs 3150 x 3 months					=	453333.00
	4. Operation & Maintenance of Street lighting System including replacement of damaged, failed, fused accessories components like lamps, Tubes, chokes, ignitors, capacitors						

EE (Ele)
DZ

Assistant Engineer (Ele)
Bruhath Bengaluru Mahanagara Palike

ASST. EXECUTIVE ENGINEER (Ele)
Bruhath Bangalore Mahanagara Palike

Scanned with OKEN Scanner

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Switches, wires, Holders, Starters and Switching ON/OFF of Street lights at Specified timing and Pole numbering, Preparing ward wise, Street wise data boards, furnishing Maintenance reports, every day etc complete so as to ensure efficient burning of Street lights detailed in tender documents for various type of Street lighting Systems as detailed below 400 watts HPSV Street light High mast lighting System.						
	80 Nos x Rs 93.17 x 3 months =						22360.80
5.	Operation & Maintenance of LED Street lighting System including replacement of damaged/failed / fused out components like LED drivers, MCPCB, Surge Protective device, Switches, wires, Holders, Starter observing						

Assistant Engineer (Ele)
Bruhath Bengaluru Mahanagara Palike

ASST. EXECUTIVE ENGINEER (Ele)
Bruhath Bangalore Mahanagara Palike
Bangalore

M. A. R. 57 (Rule 116) No. E
Measurement Book

Serial No. 684971

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	to IP 65 Standards and Switching ON/OFF of Street lights at Specified timing and pole numbering, Preparing ward wise, Street wise Street light data books, furnishing maintenance reports, every day etc, complete so as to ensure efficient burning of Street lights detailed in tender documents for 24 watt to 40 watt LED pole Street lighting System.						
	4 Nos x Rs 73.33 x 3 months =						879.96
6.	Operation & Maintenance of LED Street lighting System including replacement of damaged / failed / fused out components like LED drivers, MCPCB, Surge protective						

Assistant Engineer (Ele)
Bruhath Bengaluru Mahanagara Palike

ASST. EXECUTIVE ENGINEER (Ele)
Bruhath Bangalore Mahanagara Palike

Scanned with OKEN Scanner

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	device, Switches, wires, Holders, Starter Observing weather proofing technic conforming to IP65 Standards and Switching ON/Off of Street lights at Specified timing and pole numbering, preparing ward wise, Street wise Street light data banks furnishing maintenance reports every day etc, complete So as to ensure efficient burning of Street lights detailed in tender documents for 40 watt to 65W LED Street light lighting System						
		850 Nos x Rs. 95.91 x 3 months				=	100390.50
7.	Operation & Maintenance of LED Street lighting Systems including replacement of damaged / failed fused out components like LED drivers, MCPCB, Surge protective device, Switches, wires, Holders,						

Assistant Engineer (Ele)
Bruhath Bengaluru Mahanagara Palike

ASST. EXECUTIVE ENGINEER (Ele)
Bruhath Bangalore Mahanagara Palike

M. A. R. 57 (Rule 116) No. E
Measurement Book

Serial No. 684972

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Starter Observing weather proofing technic conforming to IP65 Standards and Switching ON/OFF of Street light data banks, furnishing maintenance reports every day etc, complete So as to ensure efficient burning of Street lights detailed in tender documents for 90 W LED Street light lighting System.						
		90 Nos x Rs. 114.30 x 3 months				=	30996.00
8.	Operation & Maintenance of LED Street lighting System including replacement of damaged / failed / fused out components like LED drivers, MCPCB, Surge protective device, Switches, wires, Holders, Starter Observing						

Assistant Engineer (Ele)
Bruhath Bengaluru Mahanagara Palike

ASST. EXECUTIVE ENGINEER (Ele)
Bruhath Bangalore Mahanagara Palike

Scanned with OKEN Scanner

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Weather proofing technic conforming to IS 65 Standards and switching ON/OFF of Street lights at specified timing and pole numbering, preparing ward wise Street wise Street lights list Spell fixed light data bank, furnishing maintenance reports, every day etc, compute soft to ensure efficient burning of Street lights details as per tender documents for 110/120 watts LED Street light lighting system.	0105	X Rs.0	x	amount	=	00.
	Total				total	=	615846.78
(6)	12% GST deduction					=	(7) 73901.61
(8)							541945.17

Assistant Engineer (Ele)
Bruhath Bengaluru Mahanagara Palike

ASST. EXECUTIVE ENGINEER (Ele)
Bruhath Bangalore Mahanagara Palike

M. A. R. 57 (Rule 116) No. E
Measurement Book

684973

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(5)	18% GST Add					= (8)	97550.13
							639495.50
(3)	Fine imposed for the month of Jan to Mar 2024 for non burning lights						1000.00
(4)	2% deduction for released Structure Scrap item						12589.90
						Exact total	625705.39

Certificate

(1) the above said maintenance work has been carried out satisfactorily.

(2) the amount claimed in this bill has not been claimed in any of the previous bill.

ASST. EXECUTIVE ENGINEER (Ele)
Bruhath Bangalore Mahanagara Palike
Dasarahalli Zone, Bangalore

Assistant Engineer (Ele)
Bruhath Bengaluru Mahanagara Palike

ASST. EXECUTIVE ENGINEER
Bruhath Bangalore Mahanagara Palike
Dasarahalli Zone, Bangalore

Scanned with OKEN Scanner

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Up to date bill : 5593541=00						
	Previous bill : 9454046=00						
	Present bill : 639495=00						
	T.W.D. 625705=00						
	IT 6257=00						
	CGST 6257=00						
	SBS 6257=00						
	Cur 6257=00						
	CBF 626=00						
	fine 1000=00						
	Scrap 12790=00						
	T.D. 394444=00						
	Chq amt : 600051=00						

Audited and admitted for Rs. 639495=00

Passed by Cheque for Rs. 600051=00

(Six lakh sixty one Rupees Only)

by adjustment Rs. 39444=00

Accounts Superintendent

Exe Engineer (El)

B.B.M.P. Dasarahalli Division

Scanned with OKEN Scanner